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GLASS COMPOSITIONS

Abstract

Disclosed are glass compositions and glass fibers formed from certain
embodiments of the disclosed glass compositions. Certain embodiments of the glass
5 compositions include, among other components, bismuth oxide. Certain embodiments
of the glass composition include about 0.5-30% bismuth oxide of the composition by
weight and silica oxide at about 54-70% of the composition by weight. Embodiments
of the glass compositions may also include other components. For example, zinc oxide
can make up about 0.01-5% of the composition by weight.

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